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AAT89213
ID   AAT89213 standard; DNA; 60 BP.
XX
AC   AAT89213;
XX
DT   30-APR-1998  (first entry)
XX
DE   Prostrate specific antigen mRNA probe 4.
XX
KW   Prostrate specific antigen; PSA; probe; hybridisation; cancer; vaccines;
KW   ss.
XX
OS   Synthetic.
XX
PN   WO9738313-A1.
XX
PD   16-OCT-1997.
XX
PF   02-APR-1997;   97WO-US005586.
XX
PR   05-APR-1996;   96US-0014929P.
XX
PA   (UYJO ) UNIV JOHNS HOPKINS.
XX
PI   Tso POP,  Wang Z,  Lesko SA,  Nelson WG,  Partin AW;
XX
DR   WPI; 1997-512878/47.
XX
PT   Isolating rare cells by density gradient separation then negative
PT   selection - used for enriching prostatic cancer cells for diagnosis,
PT   staging and monitoring of disease.
XX
PS   Claim 13; Page 21; 63pp; English.
XX
CC   This sequence is a probe for prostate specific antigen (PSA),
CC   particularly useful for in situ hybridisation. The probe is used to
CC   detect the epithelial cells of prostatic cancer cells, via the detection
CC   of PSA and/or PSMA (prostate specific membrane antigen). The method is
CC   especially used to enrich prostatic cancer cells from blood, allowing
CC   detection and characterisation of these cells for diagnosis, staging and
CC   monitoring of disease. It can also be applied to the enrichment of liver,
CC   hepatoma, hepatocarcinoma or cancer cells in general
XX
SQ   Sequence 60 BP; 14 A; 18 C; 17 G; 11 T; 0 U; 0 Other;

  Query Match             100.0%;  Score 23;  DB 2;  Length 60;
  Best Local Similarity   100.0%;  Pred. No. 0.78;
  Matches   23;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 CACTGCATCAGGAACAAAAGCGT 23
              |||||||||||||||||||||||
Db         17 CACTGCATCAGGAACAAAAGCGT 39
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